

Title (en)

OPTICAL COMMUNICATION METHOD AND OPTICAL COMMUNICATION SYSTEM

Title (de)

OPTISCHES KOMMUNIKATIONSVERFAHREN UND OPTISCHES KOMMUNIKATIONSSYSTEM

Title (fr)

PROCEDE ET SYSTEME DE COMMUNICATION OPTIQUE

Publication

EP 1389839 A4 20051221 (EN)

Application

EP 01936858 A 20010605

Priority

- JP 0104752 W 20010605
- JP 2001144051 A 20010515

Abstract (en)

[origin: EP1389839A1] Optical transmitters 12 in a plurality of nodes 7 connected via an optical fiber 9a individually modulate intensities of a plurality of spectral lines whose wavelengths are different thereby generating respective optical signals and transmitting them through the same optical fibers 9a, where a multiple spectral line, in which the plurality of spectral lines are superimposed, is transmitted, and optical receivers 13 in the nodes 7 receive the multiplex spectral line transmitted through the optical fiber 9a, separates the multiplex spectral line into a plurality of spectral lines whose wavelengths are different, and detects optical signals for separated spectral lines. <IMAGE>

IPC 1-7

H04B 10/158; G02B 6/28; H04B 10/155

IPC 8 full level

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Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 015 (P - 1298) 14 January 1992 (1992-01-14)
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- See also references of WO 02093793A1

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